

## ABSTRACT

An automatic portable ambulant miniaturized system for applying pneumatic pressure to a body limb including a portable ambulant hand-held fluid source unit, a conduit for delivering fluid generated by the unit, and a sleeve coupled to the conduit and adapted to envelop a body limb. The sleeve contains one or more individually inflatable cells, each cell being subdivided into two or more longitudinally extending confluent compartments along the axis of the body limb. The compartments are inflated and deflated essentially simultaneously by the portable fluid source unit.